

Project Name: DPAD Thermal Analysis

Customer: Engineering Sciences Department

Date: from 1/15/02 to 1/18/02

Project team members:

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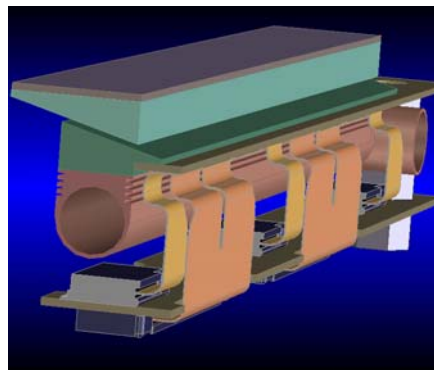
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Project:

A thermal analysis was needed to examine the feasibility of a new large-array, high resolution pixel detector. A finite element analysis was performed using ANSYS, which calculated a 2-D temperature profile under the proposed operating conditions. The entire process of generating the mesh, applying the model conditions, and solving the problem took only three days turnaround.

